

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Francis X. Canning
Appl. No.	:	10/619,796
Filed	:	July 15, 2003
For	:	SPARSE AND EFFICIENT BLOCK FACTORIZATION FOR INTERACTION DATA
Examiner	:	Herng Der Day
Group Art Unit	:	2128

**RESPONSE TO ADVISORY ACTION DATED SEPTEMBER 12, 2008 AND
AMENDMENTS AND RESPONSE TO OFFICE ACTION DATED JUNE 20, 2008**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Advisory Action dated September 12, 2008 and Office Action dated June 20, 2008, Applicant respectfully submits the following amendments and comments in connection with the above-captioned application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.